# This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
  - TEXT CUT OFF AT TOP, BOTTOM OR SIDES
  - FADED TEXT
  - ILLEGIBLE TEXT
  - SKEWED/SLANTED IMAGES
  - COLORED PHOTOS
  - BLACK OR VERY BLACK AND WHITE DARK PHOTOS
  - GRAY SCALE DOCUMENTS

### IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

Atty. Dkt. No. 035642-0104

#### **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHO	D FOR MICROBIAL ANTIBIOTIC RESISTANCE DETECTION
	(Attorney Docket No. 035642-0104)
the specification of	of which (check one)
. —	is attached hereto.
<u>x</u>	was filed on <u>09/29/2003</u> as United States Application Number or PCT International Application Number <u>10/673,038</u> and was amended on (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with

which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code \$119(a)-(d) or \$ 365(b) of any foreign application(s) for patent or inventor's certificate, or \$365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?
			·	•
		·		

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
·	

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent	PCT Parent	Parent	Parent
Application Number	Application Number	Filing Date	Patent Number
	·		

Atty. Dkt. No. 035642-0104

			l i
1	1		
1			
1		•	
1			

I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

+49 89 746 303 11

Customer Number: 22428

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Richard C. Peet FOLEY & LARDNER

Customer Number: 22428

Telephone: (202) 672-5483 Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Verena FUNG Grimm
Residence	Fellbach,
Citizenship	German
Post Office Address	Elsa Branstromweg 2 70736 Fellbach Germany
Inventor's signature	V. Gramm
Date	.31.63.64

Name of second inventor	Santoshi EZAKI
Residence	Ibaragi,
Citizenship	Japanese
Post Office Address	4-6-1 Koshiba Ryugaskaki City Ibaragi, 301-0044 Japan
Inventor's signature	
Date	
Name of third inventor	Milorad SUSA
Residence	Stuttgart,
Citizenship	German (
	Robert Bosch Krankenhaus
Post Office Address	Auerbackstrasse 110
•	70376 Stuttgard Germany
Inventor's signature	
Date	
Name of fourth inventor	Cornelius Knabe
Residence	Stuttgart,
Citizenship	German
	Leibnizstrasse 82
Post Office Address	70193 Stuttgart
	Germany
Inventor's signature	· · · · · · · · · · · · · · · · · · ·
Date	
Name of fifth inventor	Rolf SCHMIDA
Residence	Stuttgart,
Citizenship	German
	In den Riedwiesen 3
Post Office Address	70329 Stuttgart
Inventor's signature	Germany  [/ Cu-vi
•	
Date	31.3.04

Name of sixth inventor	Till T. BACHMANN
Residence	Stuttgart,
Citizenship	German
Post Office Address	Hessenlauweg 19 70569 Stuttgart Germany
Inventor's signature	Sachmann
Date	04128/2004

Atty. Dkt. No. 035642-0104



#### **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHO	D FOR MICROBIAL ANTIBIOTIC RESISTANCE DETECTION
	(Attorney Docket No. 035642-0104)
the specification o	f which (check one)
	is attached hereto.
<u>x</u>	was filed on <u>09/29/2003</u> as United States Application Number or PCT International Application Number <u>10/673,038</u> and was amended on (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with

10:26

Atty. Dkt. No. 035642-0104

which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent	PCT Parent	Parent	Parent
Application Number	Application Number	Filing Date	Patent Number

Atry. Dkt. No. 035642-0104

\$.014/040


I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

Customer Number: 22428

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Richard C. Peet FOLEY & LARDNER

Customer Number: 22428

(202) 672-5483 Telephone: (202) 672-5399 Facsimile:

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Verena JUNG	
Residence	Fellbach,	
Citizenship	German	
Post Office Address	Elsa Branstromweg 2 70736 Fellbach Germany	
Inventor's signature		
Date		

+49 89 746 303 11

Name of second inventor	Santoshi EZAKI
Residence	Ibaragi,
Citizenship	Japanese
Post Office Address	4-6-1 Koshiba Ryugaskaki City Ibaragi, 301-0044 Japan
Inventor's signature	
Date	
Name of third inventor	Milorad SUSA
Residence	Stuttgart,
Citizenship	German
Post Office Address	Robert Bosch Krankenhaus Auerbackstrasse 110 70376 Stuttgard Germany
Inventor's signature	mile Sub-
Date	01.04.2004
	01(. 04. 200)
Name of fourth inventor	Cornelius Knabe
Residence	Stuttgart,
Citizenship	German
	Leibnizstrasse 82
Post Office Address	70193 Stuttgart Germany
Inventor's signature	April (st, 2004,
Date	Cornela" Mull
Name of fifth inventor	Rolf SCHMIDT
Residence	Stuttgart,
Citizenship	German
Post Office Address	In den Riedwiesen 3 70329 Stuttgart Germany
Inventor's signature	
Date	

Name of sixth inventor	Till T. BACHMANN
Residence	Stuttgart,
Citizenship	German
Post Office Address	Hessenlauweg 19 70569 Stuttgart Germany
Inventor's signature	
Date	

10:27

Atry. Dkt. No. 035642-0104



#### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHOD FOR MICROBIAL ANTIBIOTIC RESISTANCE DETECTION (Attorney Docket No. 035642-0104) the specification of which (check one) is attached hereto. was filed on <u>09/29/2003</u> as United States Application Number or PCT International Application Number 10/673,038 and was amended on \_\_\_\_ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with 10:27

Atty. Dkt. No. 035642-0104

which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

Atty. Dkt. No. 035642-0104

	•	
i i	;	
1		

1 HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

Customer Number: 22428

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Richard C. Peet FOLEY & LARDNER

Customer Number: 22428

Telephone: (202) 672-5483 Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Verena JUNG	
Residence	Fellbach,	
Citizenship	German	
Post Office Address	Elsa Branstromweg 2 70736 Fellbach Germany	
Inventor's signature	·	
Date		

Any. Dkt. No. 035642-0104

+49 89 746 303 11

Name of second inventor	Santoshi EZAKI
Residence	Ibaragi,
Citizenship	Japanese
Post Office Address	4-6-1 Koshiba Ryugaskaki City Ibaragi, 301-0044 Japan
Inventor's signature	Sataski Enti
Date	6. Apr. 2004
	•
Name of third inventor	Milorad SUSA
Residence	Stuttgart,
Citizenship	German
Post Office Address	Robert Bosch Krankenhaus Auerbackstrasse 110 70376 Stuttgard Germany
Inventor's signature	
Date	
Name of fourth inventor	Cornelius Knabe
Residence	Stuttgart,
Citizenship	German
	Leibnizstrasse 82
Post Office Address	70193 Stuttgart Germany
Inventor's signature	
Date	·
Name of fifth inventor	Rolf SCHMIDT
Residence	Stuttgart,
Citizenship	German
Post Office Address	In den Riedwiesen 3 70329 Stuttgart Germany
Inventor's signature	
Date	

Name of sixth inventor	Till T. BACHMANN	
Residence	Stuttgart,	
Citizenship	German	
Post Office Address	Hessenlauweg 19 70569 Stuttgart Germany	
Inventor's signature		
Date		